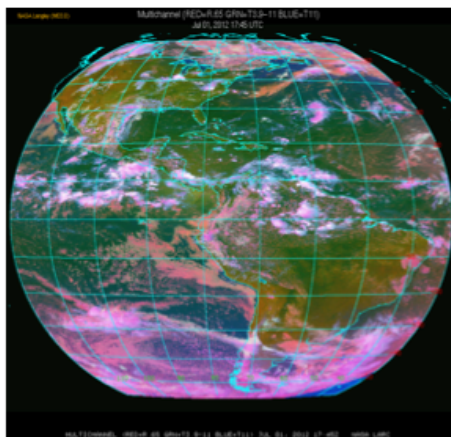


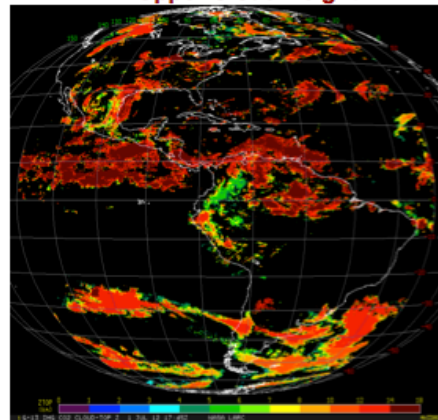
# Background

- ❑ Enhance the cloud retrieval by:  
Image visualization, data validation and, then, adjustment of LUTs.

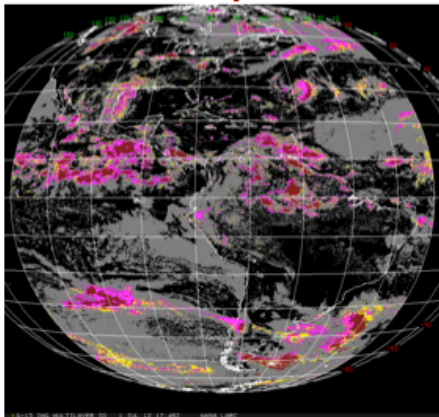
## GOES-13 Multilayer Retrieval (2012.07.01)



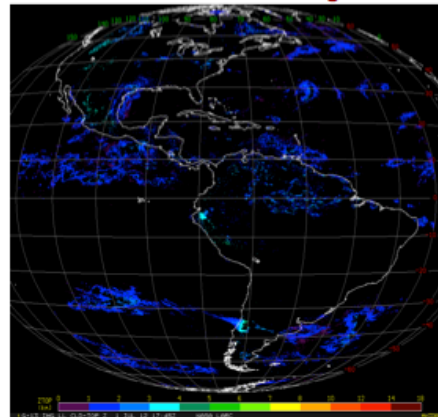
↓ Upper Cloud Height



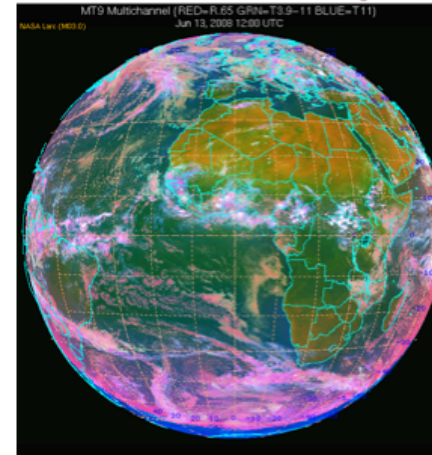
↓ Multilayer Mask



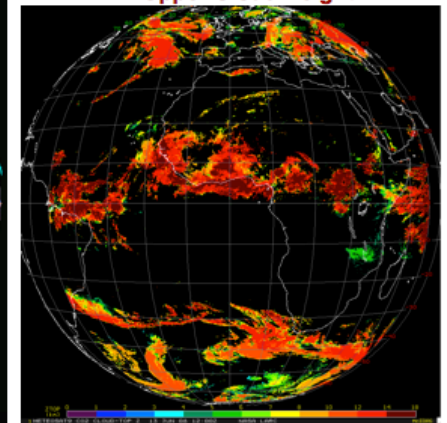
↓ Lower Cloud Height



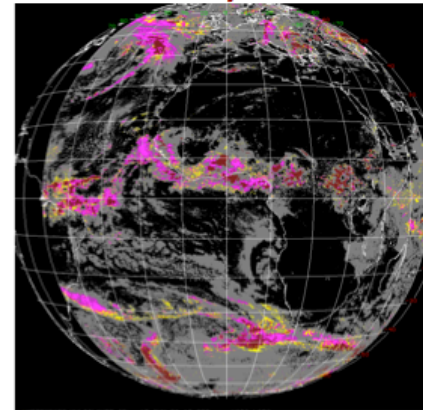
## SEVIRI Multilayer Retrieval (2008.06.13)



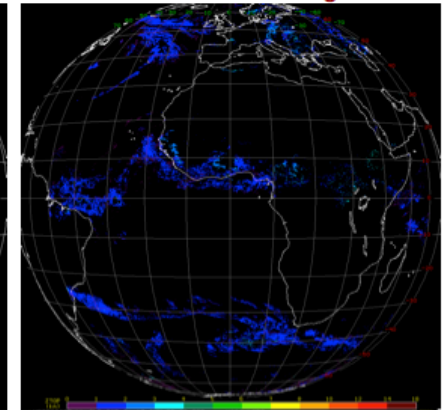
↓ Upper Cloud Height



↓ Multilayer Mask

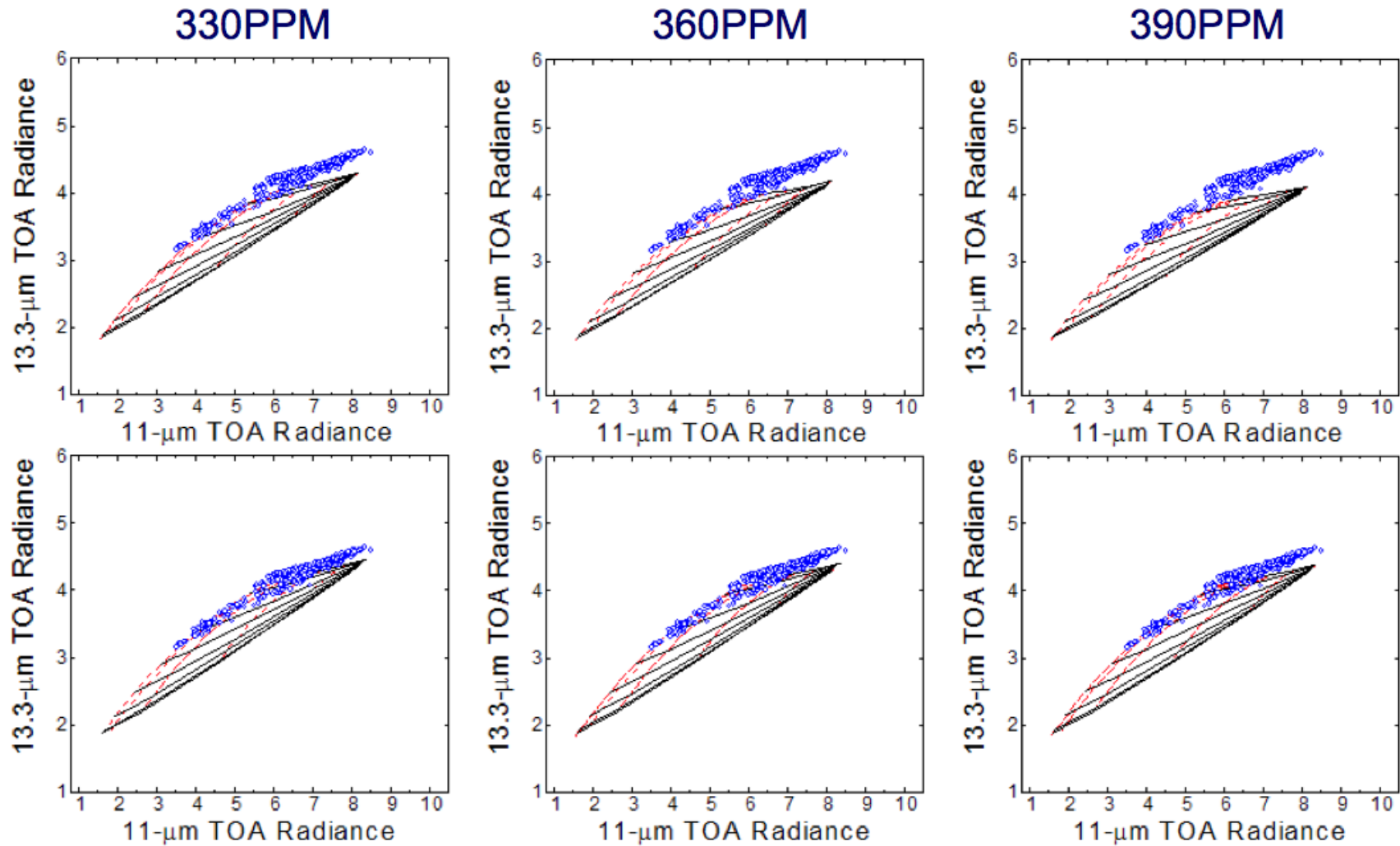


↓ Lower Cloud Height



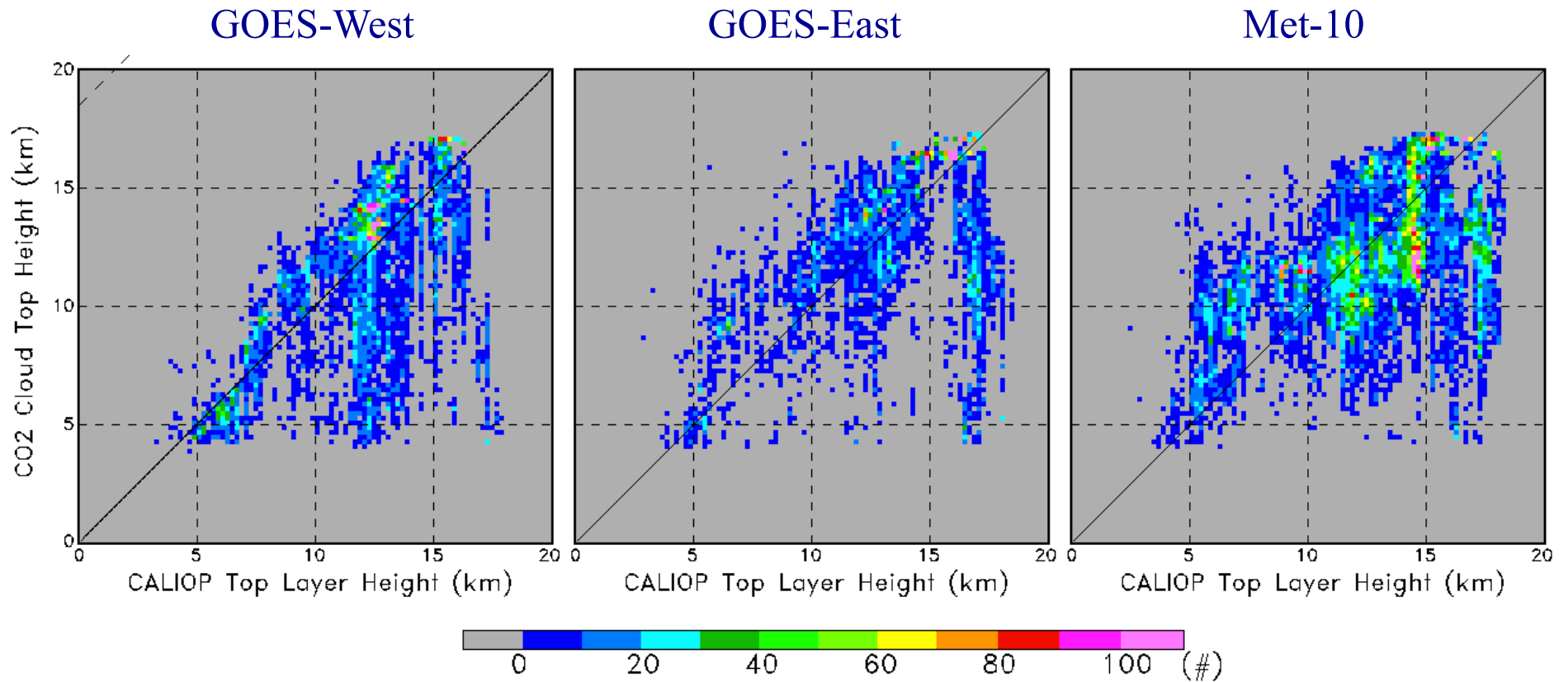
# Uncertainty

- Adjust LUTs to enhance the cloud retrieval for matched observations.



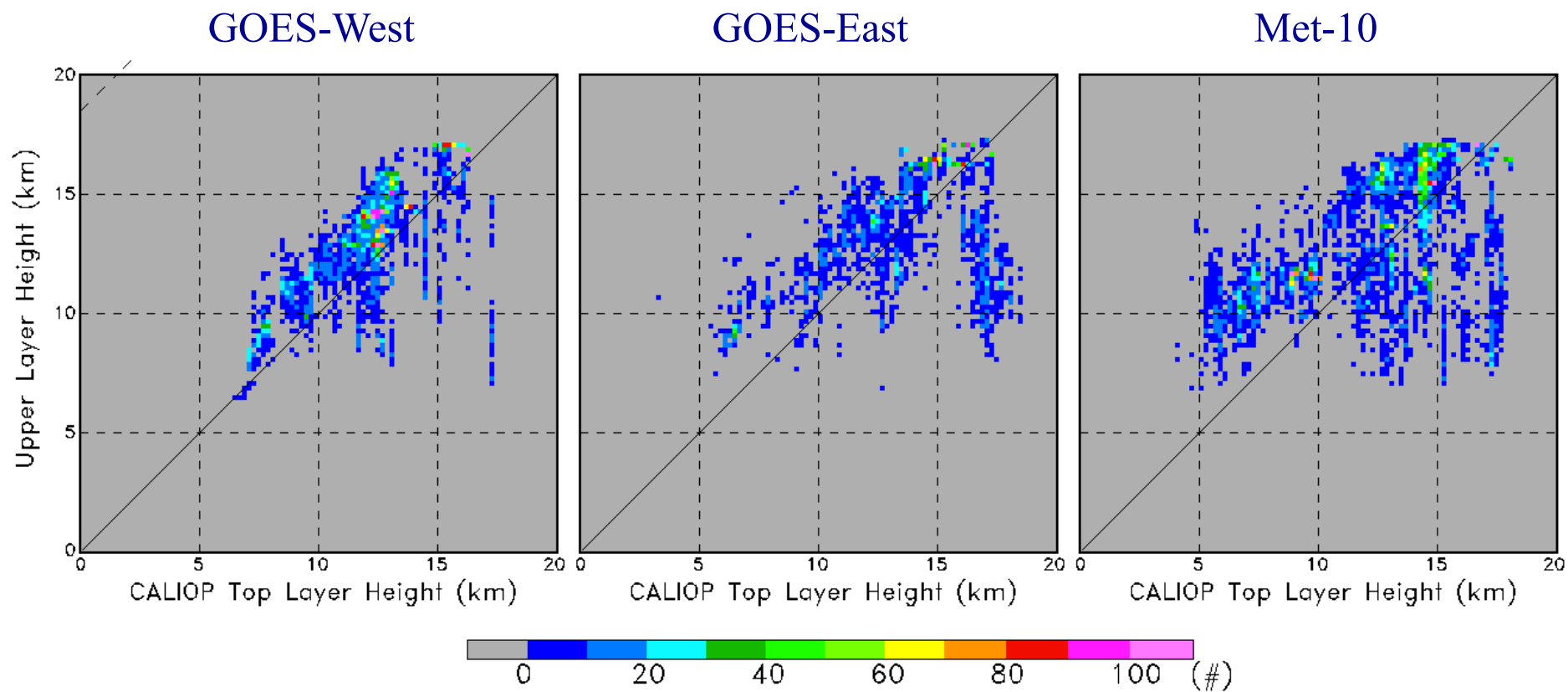
# Comparisons of GEO CO2 Cloud Top Height

2013 January



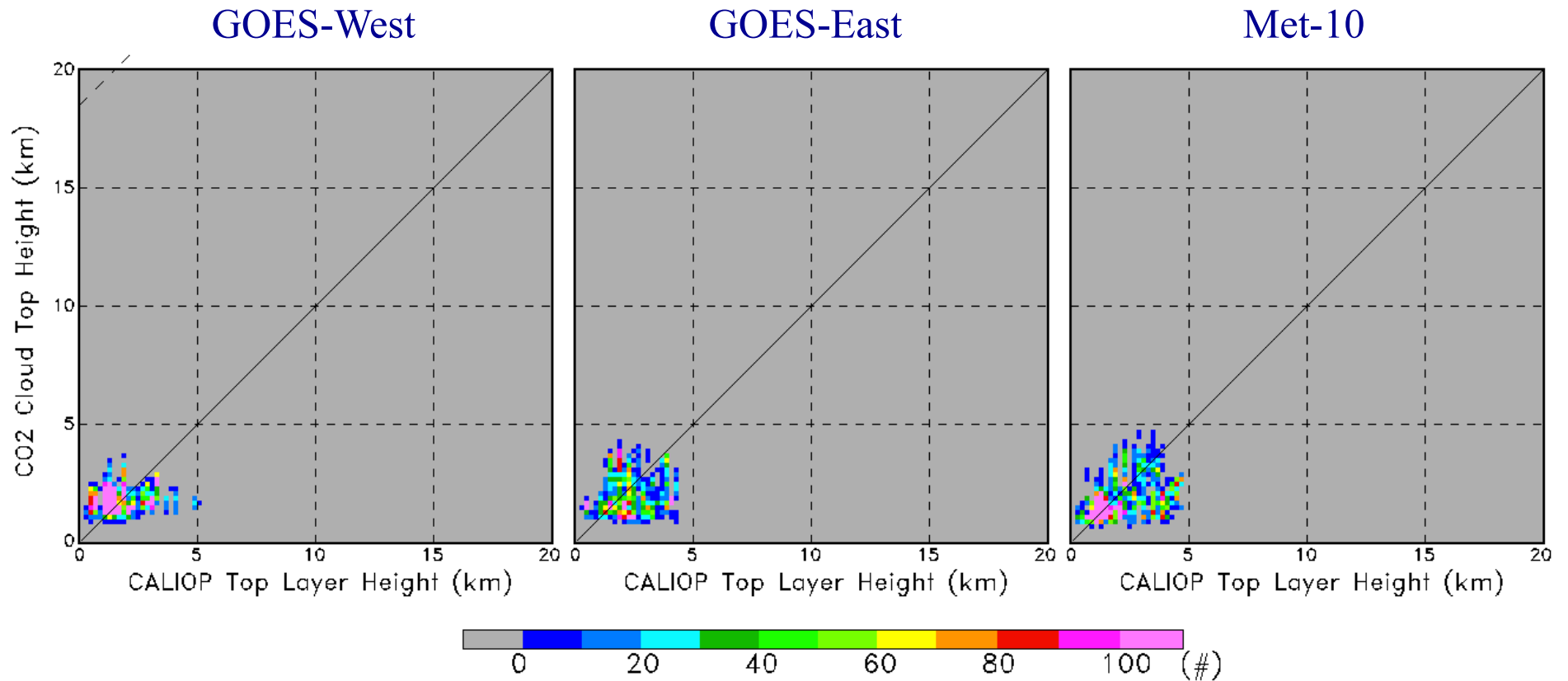
# Comparisons of GEO Multilayer Top Height

2013 January



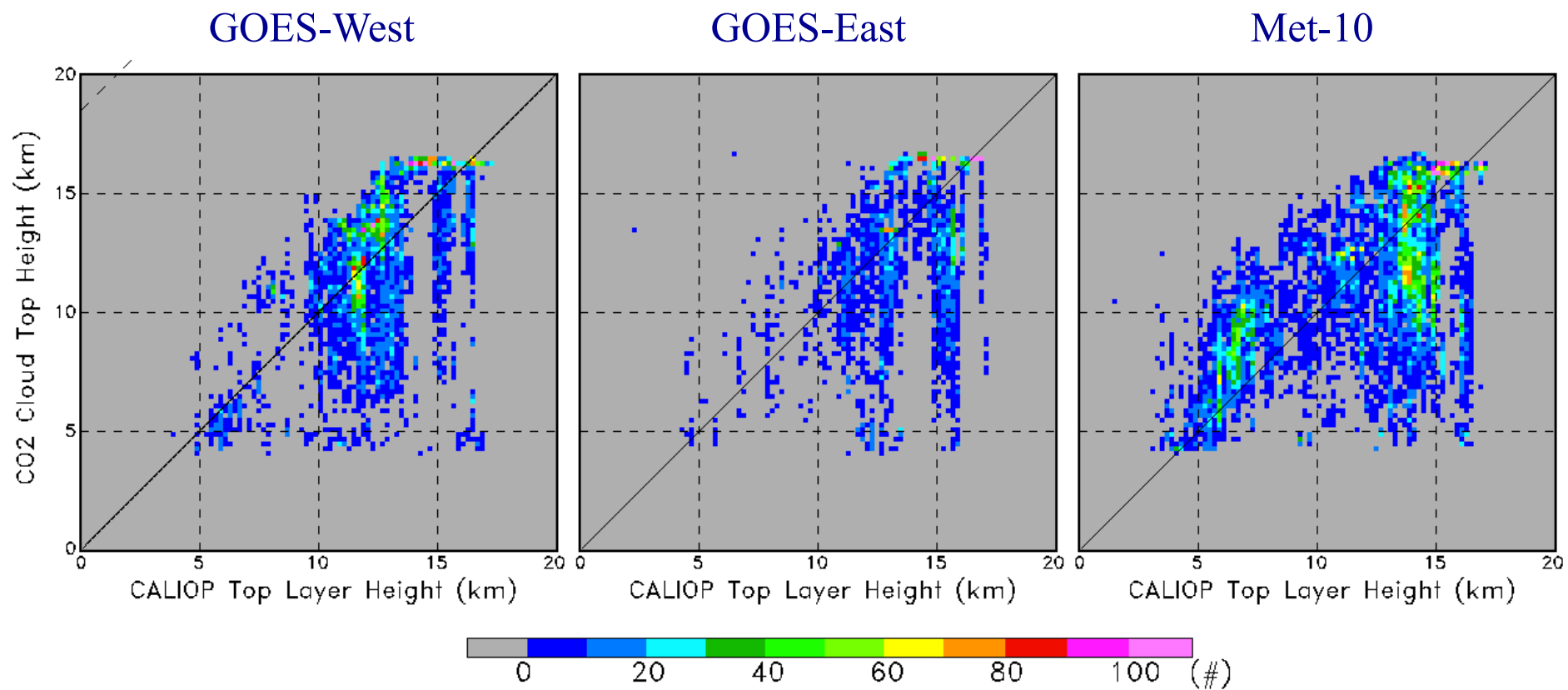
# Comparisons of GEO Multilayer Low layer Height

2013 January



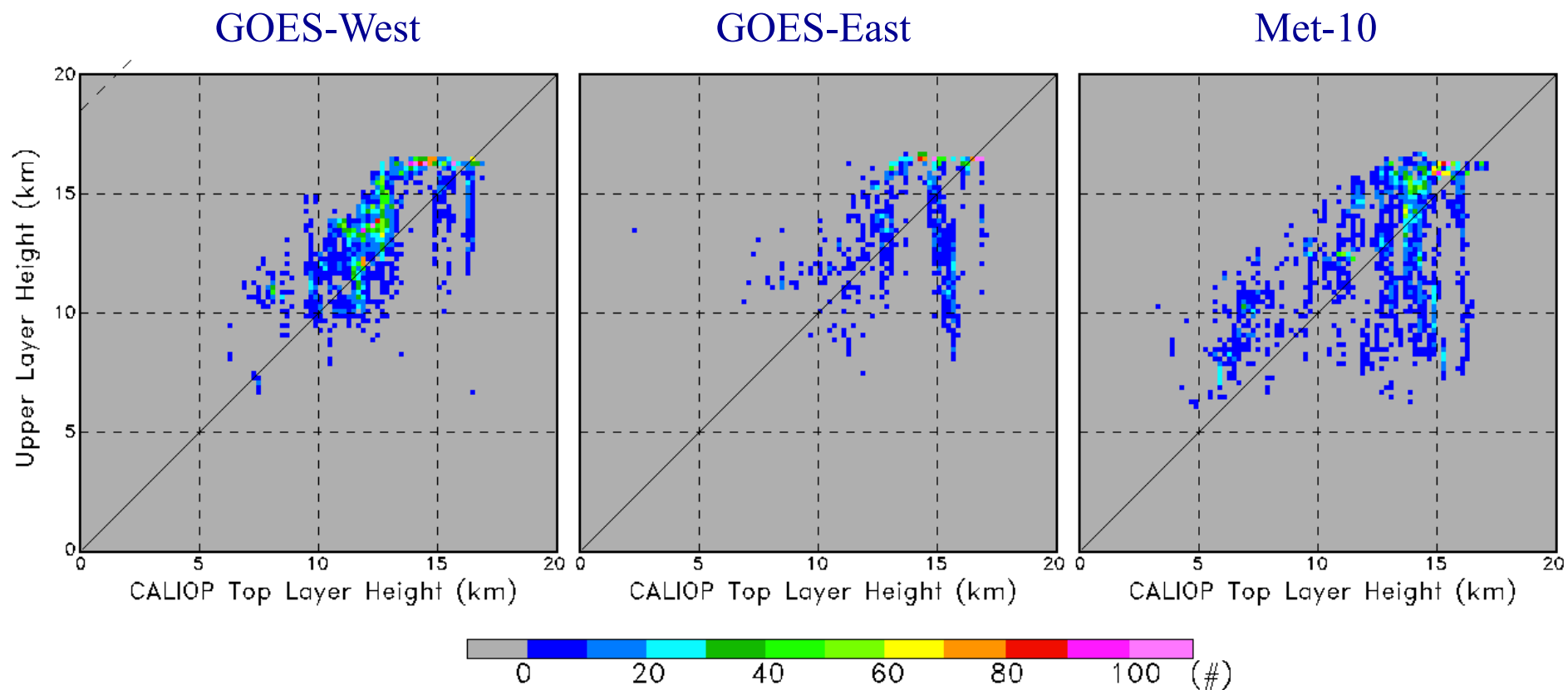
# Comparisons of GEO CO2 Cloud Top Height

2013 July



# Comparisons of GEO Multilayer Top Height

2013 July



# Comparisons of GEO Multilayer Low Layer Height

2013 July

